

Product datasheet

Anti-TLR5 antibody [19D759.2] ab13876

★★★★☆ 11 Abreviews 6 References 4 图像

概述

产品名称	Anti-TLR5抗体[19D759.2]
描述	小鼠单克隆抗体[19D759.2] to TLR5
宿主	Mouse
特异性	This antibody recognizes an intracellular epitope in the cytoplasmic domain of TLR5.
经测试应用	适用于: WB, Flow Cyt, ICC/IF, IHC-P, IHC-Fr, IP, ICC
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide: SSKDFTWVQN ALLKHLDTQY SDQNRFNLCF EERDFVPGEN RIANIQDAW NSRKIVCLVS RHFLRDGWCL EAFSYAQGRC LSDLNSALIM VVVGSLSQY QL conjugated to KLH, corresponding to amino acids 700-800 of Human TLR5. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Ramos and Raw cell lysate.
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We would recommend antibody ab168382 as a replacement.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
纯度	Protein G purified
纯化说明	This antibody is affinity purified.
克隆	单克隆
克隆编号	19D759.2
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab13876** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★★	Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 103 kDa.
Flow Cyt	★★★★★	Use 2µg for 10 ⁶ cells. Intracellular

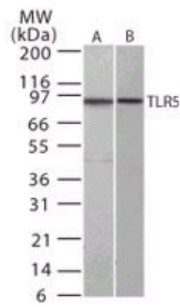
[ab170191](#) - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

ICC/IF	★★★★★	Use a concentration of 5 µg/ml.
IHC-P	★★★★★	Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Antigen retrieval with citrate buffer pH 6.
IHC-Fr	★★★★★	Use a concentration of 10 µg/ml. (see Miller et al).
IP	★★★★★	Use at an assay dependent concentration.
ICC	★★★★★	Use at an assay dependent concentration.

靶标

功能	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
组织特异性	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
疾病相关	Systemic lupus erythematosus 1
序列相似性	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
翻译后修饰	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
细胞定位	Membrane.

图片



Western blot - Anti-TLR5 antibody [19D759.2]
(ab13876)

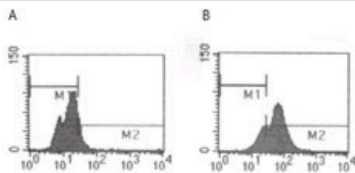
All lanes : Anti-TLR5 antibody [19D759.2]
(ab13876) at 2 µg/ml

Lane 1 : Ramos cell lysate

Lane 2 : Raw cell lysate

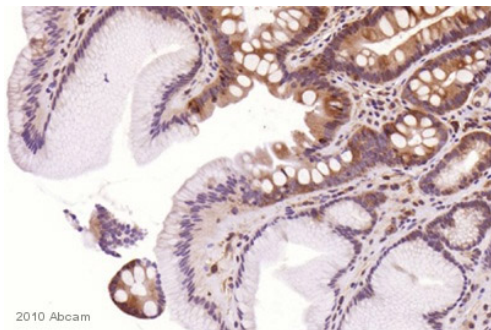
Predicted band size: 103 kDa

Western blot analysis of TLR5 in human Ramos cell lysate (A) and mouse Raw cell,lysate (B) using ab13876 at 2µg/ml



Flow Cytometry - Anti-TLR5 antibody [19D759.2]
(ab13876)

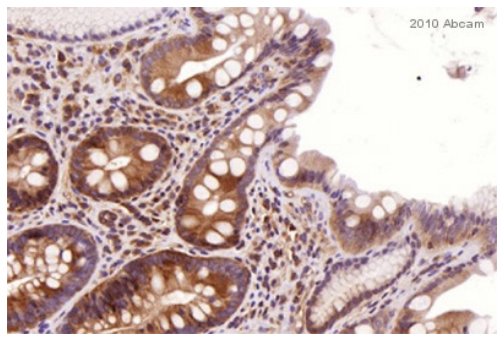
Intracellular FACS analysis of TLR5 in 10^6 Ramos cells using (A) 2µg of isotype control and (B) 2µg of ab13876



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TLR5 antibody [19D759.2] (ab13876)

This image is courtesy of an anonymous Abreview

ab13876 staining TLR5 in Human stomach tissue sections by Immunohistochemistry (IHC-P - formaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 5% serum for 1 hour at 23°C; antigen retrieval was by heat mediation in citrate buffer (10mM, pH 6). Samples were incubated with primary antibody (10 µg/ml) for 1 hour at 23°C. An undiluted HRP-conjugated goat anti-mouse IgG polyclonal was used as the secondary antibody.



Immunohistochemistry (Frozen sections) - Anti-TLR5 antibody [19D759.2] (ab13876)

This image is courtesy of an anonymous Abreview

ab13876 staining TLR5 in Human stomach tissue sections by Immunohistochemistry (IHC-Fr - frozen sections). Tissue was fixed with acetone and blocked with 5% serum for 1 hour at 23°C. Samples were incubated with primary antibody (10 µg/ml in blocking buffer) for 1 hour at 23°C. An undiluted HRP-conjugated goat anti-mouse IgG polyclonal was used as the secondary antibody.

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